

contents of the headers relative to these tables to the registers [sic] banks FIFO according to the headers detected for restoring quantization arrays.” The Examiner cites no section of Artieri for this proposition. Column 7 lines 22-24 of Artieri state that the sequence header includes two quantizer tables, but the Applicant finds no mention of the branching relative to data stored within these tables.

The Examiner cites Ueda, however Figure 14 and the related text of Ueda (relied upon by the Examiner) are absolutely silent regarding processing applied to the quantization tables.

Turning to the specific claim language, claim 1 recites, inter alia, wherein the state machine includes “means for recognizing the occurrence of quantization tables in the data flow and for branching the data relative to these tables to a circuit for restoring quantization arrays” and “wherein the state machine is associated with a calculator for converting the data contained in the headers, prior to their storage in one of the three register banks, into instructions directly interpretable by a video decoder and accessible in any order by a microprocessor.”

Nothing in Artieri nor Ueda discloses nor suggests these features.

Regarding claim 17, the finality of this rejection should be withdrawn, and the same arguments apply to it as to claim 1.

Overall, none of the cited references singly or in any motivated combination teach or suggest the claimed features of the embodiments recited in independent claims 1 and 17. Since these independent claims are allowable based on the above reasons, the claims which depend from them are likewise allowable based on this dependency and based on the recitation of each claim. If the undersigned attorney has overlooked a relevant teaching in any of the references, the Examiner is requested to point out specifically where such teaching may be found.

The Applicant respectfully submits that all pending claims are allowable. The Applicant, therefore, respectfully requests the Examiner to consider this application in light of this amendment and these remarks.

Respectfully submitted,
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